



SPECIFICATION

Features	UTG9005B	UTG9010B	UTG9020B
Waveforms	Sine, Square, Triangle, Ramp up, Ramp down, Random Noise, SIN(X)/X, Exponential Rise, Exponential Fall, Pulse.		
Amplitude Characteristics	Range (no load) from 1mVp-p to 20Vp-p Accuracy $\pm 5\%$ (Sine at 1kHz) Resolution 0.01mV		
Frequency Characteristics	from 1 μ Hz to 5MHz	from 1 μ Hz to 10MHz from 1 μ Hz to 5MHz from 1 μ Hz to 1MHz 50ppm (from -10°C to 40°C) 0.1 μ Hz or 8 digit 0.1 μ Hz (<100Hz), 0.4Hz (>100Hz)	from 1 μ Hz to 20MHz
Signal Characteristics	Harmonic Distortion of Sine <20kHz: -60dBc, 20kHz to 1MHz: -50dBc, 1MHz to 10MHz: -40dBc, 10MHz to 20MHz: -30dBc Square, Pulse <20ns Rise/Fall Time <5% Overshoot 1% + 20ns Asymmetry 0.1% to 99.9% Duty Cycle of Pulse <1% Linearity of Triangle, Ramp		
Modulation Characteristics	Modulation Mode Linear sweep (LIN SWP), logarithmic sweep (LOG SWP), FSK, PSK, ASK, BURST, INT FM, INT PM, INT AM, and external AM (EXT AM)		
Output Characteristics	Output A (Main Output) 50 Ω Output Impedance from -100% to 100% Vpeak DC Offset All internal waveform Output B 200mVp-p to 20Vp-p (no load) Waveform 600 Ω Amplitude 0.1Hz to 20kHz Output Impedance Frequency Range: 1Hz to 100MHz, Amplitude Range: 100mV to 5V Frequency Range 9600Baud, N, 8, 1 RS-232 Interface		

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz
Product Colour	Red and Grey
Product Net Weight	3kgs
Product Size	320mm x 240mm x 100mm
Standard Accessories	BNC to BNC Cable, Power Cord, English Manual
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	6 pcs
Standard Carton Measurement	660 x 410 x 600mm (0.16 CBM Per Export Carton)
Standard Carton Gross Weight	21kg